

Appendix table 5-10.

Federal obligations for academic R&D, by agency: 1970–2001

Year	All agencies	National Institutes of Health ^a	National Science Foundation	Department of Defense	National Aeronautics and Space Administration	Department of Energy ^b	Department of Agriculture	All other agencies
Millions of current dollars								
1970	1,476	518	228	216	131	100	65	217
1971	1,645	603	267	211	134	94	72	264
1972	1,904	756	362	217	119	85	87	277
1973	1,917	761	374	204	111	83	94	289
1974	2,214	1,027	389	197	99	94	95	312
1975	2,411	1,077	435	203	108	132	108	348
1976	2,552	1,185	437	240	119	145	120	307
1977	2,905	1,311	511	273	118	188	140	364
1978	3,375	1,493	537	383	127	240	186	408
1979	3,889	1,880	617	438	139	260	200	355
1980	4,263	2,012	685	495	158	285	216	412
1981	4,466	2,101	702	573	171	300	243	376
1982	4,605	2,140	715	664	186	277	255	369
1983	4,966	2,392	783	724	189	297	275	306
1984	5,547	2,715	880	830	204	321	261	335
1985	6,340	3,158	1,002	940	237	357	293	352
1986	6,559	3,243	992	1,098	254	345	274	355
1987	7,337	3,903	1,096	1,017	294	386	280	361
1988	7,828	4,199	1,143	1,071	338	406	305	366
1989	8,672	4,565	1,254	1,189	434	454	328	449
1990	9,138	4,779	1,321	1,213	471	500	348	505
1991	10,169	5,521	1,436	1,152	534	621	386	520
1992	10,271	5,064	1,540	1,403	586	640	438	600
1993	11,208	5,848	1,562	1,616	614	583	433	553
1994	11,797	6,191	1,680	1,703	641	565	439	577
1995	11,928	6,271	1,734	1,589	708	594	435	597
1996	11,978	6,620	1,740	1,447	665	601	376	529
1997	12,559	7,057	1,819	1,345	719	583	441	595
1998	13,366	7,565	1,875	1,422	787	623	415	679
1999	14,959	8,762	2,076	1,474	787	630	492	739
2000 (estimated)	16,612	10,085	2,200	1,523	787	642	581	797
2001 (estimated)	17,724	10,715	2,634	1,534	787	706	502	847
Millions of constant 1996 dollars^c								
1970	5,181	1,818	800	758	460	351	228	762
1971	5,498	2,015	892	705	448	314	241	882
1972	6,079	2,414	1,156	693	380	271	278	884
1973	5,861	2,327	1,143	624	339	254	287	884
1974	6,318	2,931	1,110	562	283	268	271	890
1975	6,235	2,785	1,125	525	279	341	279	900
1976	6,164	2,862	1,056	580	287	350	290	742
1977	6,527	2,945	1,148	613	265	422	315	818
1978	7,096	3,139	1,129	805	267	505	391	858
1979	7,563	3,656	1,200	852	270	506	389	690
1980	7,614	3,593	1,223	884	282	509	386	736
1981	7,271	3,421	1,143	933	278	488	396	612
1982	7,007	3,256	1,088	1,010	283	421	388	561
1983	7,238	3,486	1,141	1,055	275	433	401	446
1984	7,797	3,816	1,237	1,167	287	451	367	471
1985	8,627	4,297	1,363	1,279	322	486	399	479
1986	8,715	4,309	1,318	1,459	337	458	364	472
1987	9,488	5,047	1,417	1,315	380	499	362	467
1988	9,802	5,258	1,431	1,341	423	508	382	458
1989	10,457	5,505	1,512	1,434	523	547	396	541
1990	10,619	5,554	1,535	1,410	547	581	404	587
1991	11,375	6,176	1,606	1,289	597	695	432	582
1992	11,196	5,520	1,679	1,529	639	698	477	654

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 5-10.

Federal obligations for academic R&D, by agency: 1970–2001

Year	All agencies	National Institutes of Health ^a	National Science Foundation	Department of Defense	National Aeronautics and Space Administration	Department of Energy ^b	Department of Agriculture	All other agencies
		Percent						
1993	11,932	6,226	1,663	1,720	654	621	461	589
1994	12,294	6,452	1,751	1,775	668	589	457	601
1995	12,166	6,396	1,769	1,621	722	606	444	609
1996	11,978	6,620	1,740	1,447	665	601	376	529
1997	12,319	6,922	1,784	1,319	705	572	433	584
1998	12,926	7,316	1,813	1,375	761	603	401	657
1999	14,267	8,357	1,980	1,406	751	601	469	705
2000 (estimated)	15,544	9,437	2,059	1,425	736	601	544	746
2001 ((estimated))	16,244	9,820	2,414	1,406	721	647	460	776

Year	100.0	35.1	15.4	14.6	8.9	6.8	4.4	14.7
1970	100.0	35.1	15.4	14.6	8.9	6.8	4.4	14.7
1971	100.0	36.7	16.2	12.8	8.1	5.7	4.4	16.0
1972	100.0	39.7	19.0	11.4	6.3	4.5	4.6	14.5
1973	100.0	39.7	19.5	10.6	5.8	4.3	4.9	15.1
1974	100.0	46.4	17.6	8.9	4.5	4.2	4.3	14.1
1975	100.0	44.7	18.0	8.4	4.5	5.5	4.5	14.4
1976	100.0	46.4	17.1	9.4	4.7	5.7	4.7	12.0
1977	100.0	45.1	17.6	9.4	4.1	6.5	4.8	12.5
1978	100.0	44.2	15.9	11.3	3.8	7.1	5.5	12.1
1979	100.0	48.3	15.9	11.3	3.6	6.7	5.1	9.1
1980	100.0	47.2	16.1	11.6	3.7	6.7	5.1	9.7
1981	100.0	47.0	15.7	12.8	3.8	6.7	5.4	8.4
1982	100.0	46.5	15.5	14.4	4.0	6.0	5.5	8.0
1983	100.0	48.2	15.8	14.6	3.8	6.0	5.5	6.2
1984	100.0	48.9	15.9	15.0	3.7	5.8	4.7	6.0
1985	100.0	49.8	15.8	14.8	3.7	5.6	4.6	5.6
1986	100.0	49.4	15.1	16.7	3.9	5.3	4.2	5.4
1987	100.0	53.2	14.9	13.9	4.0	5.3	3.8	4.9
1988	100.0	53.6	14.6	13.7	4.3	5.2	3.9	4.7
1989	100.0	52.6	14.5	13.7	5.0	5.2	3.8	5.2
1990	100.0	52.3	14.5	13.3	5.2	5.5	3.8	5.5
1991	100.0	54.3	14.1	11.3	5.3	6.1	3.8	5.1
1992	100.0	49.3	15.0	13.7	5.7	6.2	4.3	5.8
1993	100.0	52.2	13.9	14.4	5.5	5.2	3.9	4.9
1994	100.0	52.5	14.2	14.4	5.4	4.8	3.7	4.9
1995	100.0	52.6	14.5	13.3	5.9	5.0	3.6	5.0
1996	100.0	55.3	14.5	12.1	5.6	5.0	3.1	4.4
1997	100.0	56.2	14.5	10.7	5.7	4.6	3.5	4.7
1998	100.0	56.6	14.0	10.6	5.9	4.7	3.1	5.1
1999	100.0	58.6	13.9	9.9	5.3	4.2	3.3	4.9
2000 (estimated)	100.0	60.7	13.2	9.2	4.7	3.9	3.5	4.8
2001 (estimated)	100.0	60.5	14.9	8.7	4.4	4.0	2.8	4.8

^aData for the National Institutes of Health include the Alcohol, Drug Abuse, and Mental Health Administration.

^bData for 1970–73 are for the Atomic Energy Commission; data for 1974–76 are for the Energy Research and Development Administration; data for 1977 and thereafter are for the Department of Energy.

^cSee appendix table 4-1 for gross domestic product implicit price deflators used to convert current dollars to constant 1996 dollars.

NOTE: Percentages may not total 100 because of rounding.

SOURCES: National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001*, Detailed Statistical Tables, Vol. 49, NSF 01-328 (Arlington, VA, 2001); and NSF, annual series.